

IN THE CLAIMS

1. (Currently Amended) A thin film transistor array panel comprising:
an insulating substrate;
a plurality of thin film transistors formed on the substrate;
a plurality of three primary color filters formed on the ~~substrate~~ thin film
transistors;
a plurality of transparent areas;
a plurality of first pixel electrodes formed on each of the color filters and the
transparent areas and connected to the thin film transistors; and
~~a plurality of second pixel electrodes formed on the substrate and connected to the~~
~~thin film transistors, wherein the second pixel electrodes do not overlap the color filters;~~
and
an organic insulating layer including a plurality of first portions disposed between
the color filters and the first pixel electrodes and a plurality of second portions disposed
on the transparent areas ~~under the second pixel electrodes and having thickness larger~~
~~than the first portions.~~
2. (Cancelled).
3. (Previously Presented) The panel of claim 1, further comprising an inorganic
insulating layer disposed between the color filters and the thin film transistors or between
the organic insulating layer and the thin film transistors.
4. (Original) The panel of claim 1, further comprising a plurality of transparent
filters disposed under the second pixel electrodes.

5. (Original) The panel of claim 4, wherein the transparent filters includes transparent photosensitive material or acrylic material.

6. (Currently Amended) The panel of claim 4 ~~1~~, further comprising an inorganic insulating layer disposed between the color filters and the thin film transistors or between the transparent filters and the thin film transistors.

7. (Previously Presented) The panel of claim 1, wherein the three primary colors include red, green and blue, the first pixel electrodes include third, fourth and fifth pixel electrodes, and the red, green and blue color filters are located under the third, fourth, and fifth pixel electrodes, respectively.

8-9. (Cancelled).

10. (Original) The panel of claim 7, wherein the first and the second pixel electrodes are arranged in a plurality of 2x2 matrices, each 2x2 matrix having a first row including third and fourth pixel electrodes arranged in sequence and a second row including fifth and second pixel electrodes arranged in sequence.

11-15. (Cancelled).

16. (Previously Presented) A liquid crystal display comprising:
a first substrate;
a plurality of gate lines formed on the first substrate;
a gate insulating layer formed on the gate lines;
a semiconductor layer formed on the gate insulating layer;
an ohmic contact layer formed on the semiconductor layer;
a plurality of data lines formed on the gate insulating layer and intersecting the gate lines to define a plurality of pixel areas;

a first protective layer formed on the data lines;
a plurality of red, green, blue and transparent color filters formed on the first protective layer;
a second protective layer formed on the color filters;
a plurality of pixel electrodes formed on the second protective layer, the electrodes being connected to the data lines through the semiconductor layer, each of the pixel electrodes being formed on the red, green, blue, and transparent color filters, respectively;
a second substrate facing the first substrate;
a common electrode formed on the second substrate; and
a liquid crystal layer interposed between the first substrate and the second substrate,
wherein the pixel electrodes formed on the blue filter and transparent filter have a smaller area than the pixel electrodes formed on the red or green filters.

17. (Original) The liquid crystal display of claim 16, wherein the liquid crystal layer has a vertical alignment with respect to the first and the second substrates.

18. (Original) The liquid crystal display of claim 17, further comprising a plurality of protrusions formed on the common electrode and made of organic material, wherein the pixel electrodes have cutouts.

19. (Original) The liquid crystal display of claim 16, wherein the liquid crystal layer has a twisted alignment.

20. (Original) The liquid crystal display of claim 16, further comprising a black matrix disposed on the first substrate and defining the pixel areas.

21-28. (Cancelled).

29. (Previously Presented) The panel of claim 1, wherein one of the first pixel electrodes formed on a blue one of the primary color filters has a smaller area than either of two of the first pixel electrodes formed on a red one or a green one of the primary color filters.

30. (Previously Presented) The panel of claim 1, wherein the second pixel electrodes are formed over a transparent filter and wherein the second pixel electrodes have a smaller area than either of two of the first pixel electrodes formed on the red one or the green one of the primary color filters.

31. (Cancelled).

32. (New) The panel of claim 1, wherein the organic insulating layer comprises a single layer structure.

33. (New) The panel of claim 1, wherein the organic insulating layer comprises a plurality of third portions that are connected to the first portions and the second portions and form a continuous layer along with the first portions and the second portions.